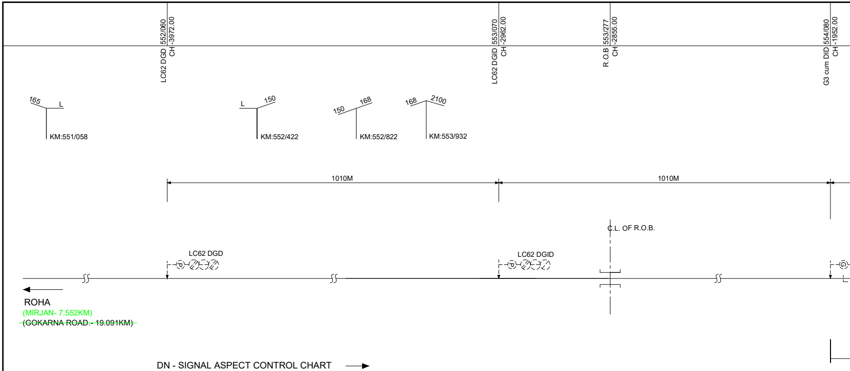
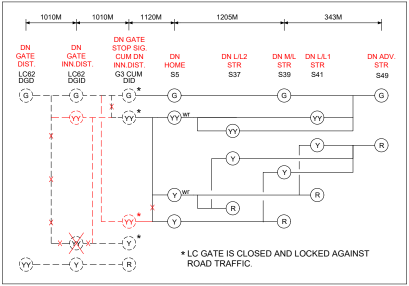

LC62 DGD 552/060
CH -3972.00
LC62 DGID 553/070
CH -2962.00
R.O.B 553/277
CH -2855.00
G3 cum DID 554/080
CH -1952.00
165
L
KM:551/058
L
150
KM:552/422
150
168
KM:552/822
168
2100
KM:553/932
1010M
1010M
C.L. OF R.O.B.
LC62 DGD
LC62 DGID
ROHA
(MIRJAN- 7.552KM)
~~(GOKARNA ROAD.- 19.091KM)~~

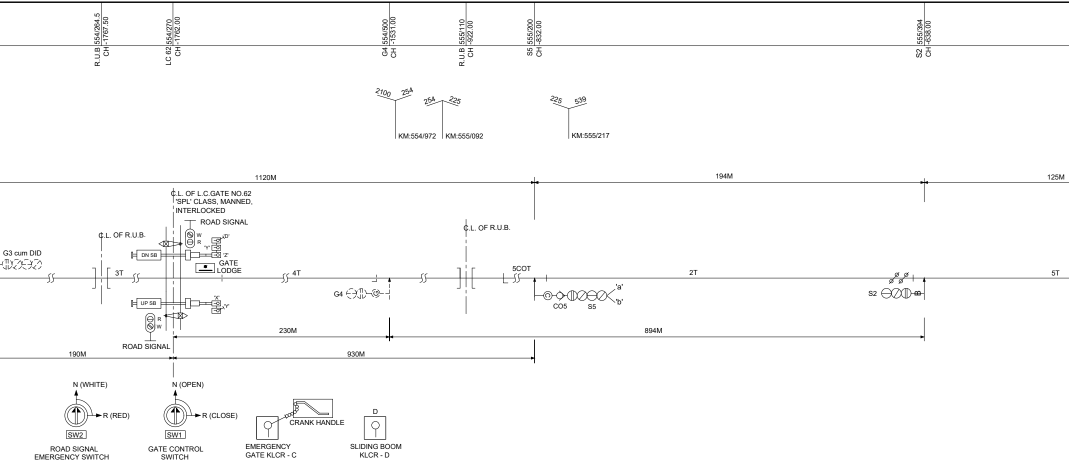
DN - SIGNAL ASPECT CONTROL CHART


1010M
1010M
1120M
1205M
343M
DN GATE DIST.
LC62 DGD
DN GATE INN.DIST.
LC62 DGID
DN GATE STOP SIG. CUM DN INN.DIST.
G3 CUM DID
DN HOME
S5
DN L/L2 STR
S37
DN M/L STR
S39
DN L/L1 STR
S41
DN ADV. STR
S49
G
YY
Y
R
wr
*

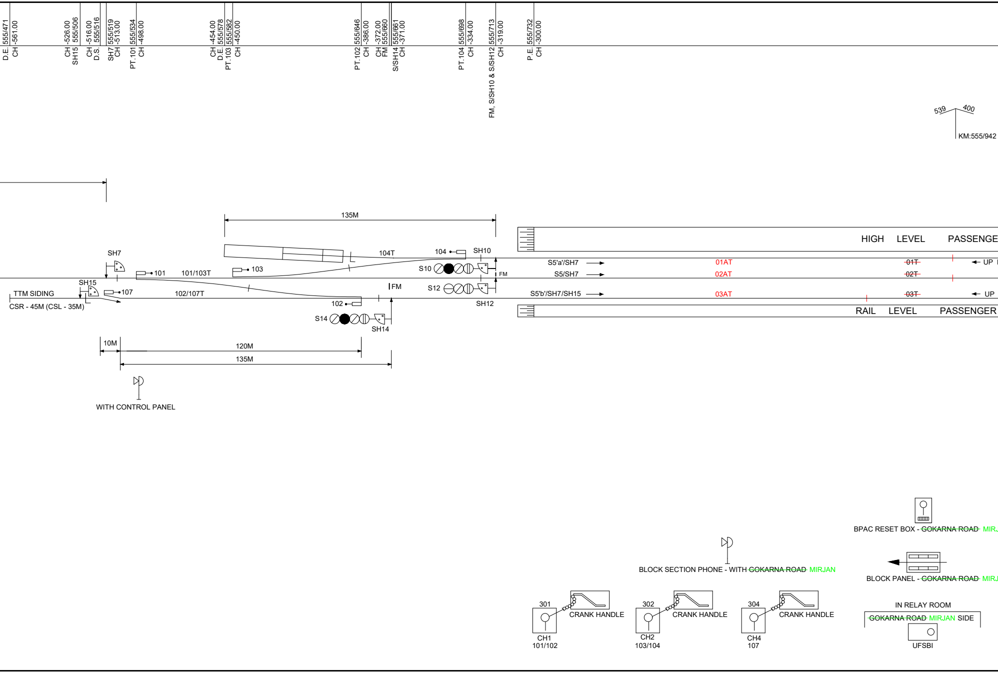
* LC GATE IS CLOSED AND LOCKED AGAINST ROAD TRAFFIC.

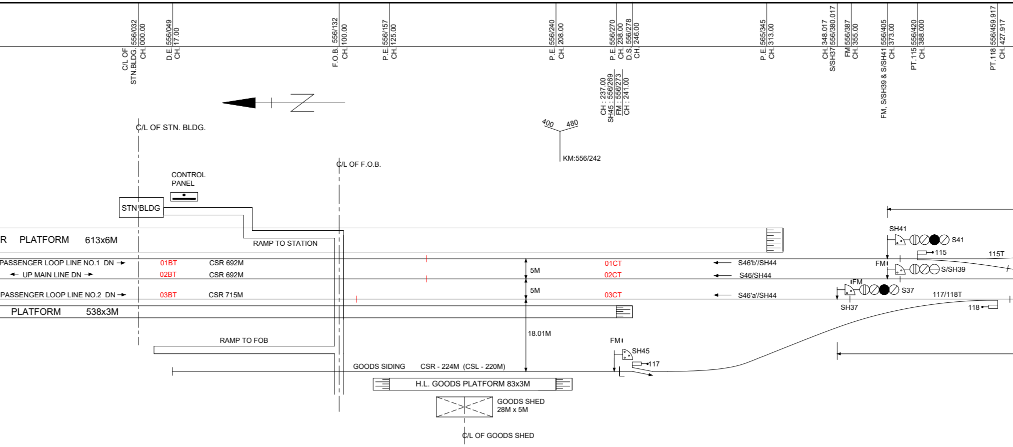
wr - WITH ROUTE INDICATOR

SR. NO.	POINTS	ANGLE OF T/OUT
1.	101/102	1 IN 12 (C.S.)
2.	103/104	1 IN 12 (C.S.)
3.	107	D.S.
4.	115/116	1 IN 12 (C.S.)
5.	117	D.S.
6.	118	1 IN 8 1/2
7.	119/120	1 IN 12 (C.S.)


R.U.B 554/264.5 CH -1767.50
LC 62 554/270 CH -1762.00
G4 554/500 CH -1531.00
R.U.B 555/110 CH -922.00
S5 555/200 CH -832.00
S2 555/394 CH -638.00
2100 254
254 225
225 539
KM:554/972
KM:555/092
KM:555/217
1120M
194M
125M
C.L. OF L.C.GATE NO.62
'SPL' CLASS, MANNED,
INTERLOCKED
ROAD SIGNAL
W
R
'D'
'Y'
'Z'
C.L. OF R.U.B.
G3 cum DID
DN SB
GATE
LODGE
3T
4T
C.L. OF R.U.B.
5COT
2T
5T
'a'
'b'
G4
CO5
S5
S2
'X'
'Y'
UP SB
R
W
ROAD SIGNAL
230M
894M
190M
930M
N (WHITE)
R (RED)
SW2
ROAD SIGNAL
EMERGENCY SWITCH
N (OPEN)
R (CLOSE)
SW1
GATE CONTROL
SWITCH
CRANK HANDLE
EMERGENCY
GATE KLCR - C
D
SLIDING BOOM
KLCR - D

- INTERLOCKED L.C.GATE NO. 62 IS PROVIDED WITH MOTOR OPERATED LIFTING BARRIER AND ELECTRICAL BOOM LOCKING (PLUNGER TYPE).
- EMERGENCY CRANK HANDLE IS KEPT AT GATE LODGE IN CUSTODY OF GATEMAN AT L.C.GATE NO.62
- L.C.GATE NO. 62 IS CONTROLLED BY 2 POSITION SWITCH NO. SW1 (ROTARY SWITCH) OF CONTROL PANEL.
- 2 POSITION SWITCH NO. SW2 (ROTARY SWITCH) OF CONTROL PANEL IS PROVIDED TO PUTBACK THE ROAD SIGNAL TO RED IN EMERGENCY.
- SLIDING BOOM BARRIERS ARE PROVIDED WITH 'E' TYPE KEY LOCK AT LC GATE NO. 62, WHICH IS TO BE OPERATED IN CASE OF FAILURE OF LIFTING BARRIER.


D.E. 555/471
CH -561.00
CH -526.00
SH15 555/506
CH -516.00
D.S. 555/516
SH7 555/519
CH -513.00
PT.101 555/534
CH -498.00
CH -454.00
D.E. 555/578
PT.103 555/582
CH -450.00
PT.102 555/646
CH -386.00
CH -372.00
FM 555/660
S/SH14 555/661
CH -371.00
PT.104 555/698
CH -334.00
FM, S/SH10 & S/SH12 555/713
CH -319.00
P.E. 555/732
CH -300.00
539
400
KM:555/942
135M
HIGH LEVEL PASSENGE
SH7
104T
104
SH10
101
101/103T
103
S10
FM
S5'a'/SH7
S5/SH7
01AT
~~01T~~
02AT
~~02T~~
UP
SH15
FM
S12
TTM SIDING
107
102/107T
102
S5'b'/SH7/SH15
03AT
~~03T~~
UP
CSR - 45M (CSL - 35M)
SH12
RAIL LEVEL PASSENGER
S14
SH14
10M
120M
135M
WITH CONTROL PANEL
BPAC RESET BOX - ~~GOKARNA ROAD~~ MIR
BLOCK SECTION PHONE - WITH ~~GOKARNA ROAD~~ MIRJAN
BLOCK PANEL - ~~GOKARNA ROAD~~ MIR
301
CRANK HANDLE
CH1
101/102
302
CRANK HANDLE
CH2
103/104
304
CRANK HANDLE
CH4
107
IN RELAY ROOM
~~GOKARNA ROAD~~ MIRJAN SIDE
UFSBI

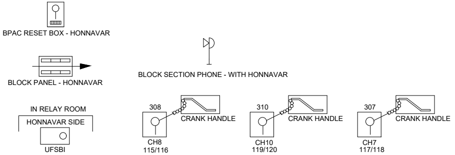

C/L OF STN.BLDG. 556/032 CH. 000.00
D.E. 556/049 CH. 17.00
F.O.B. 556/132 CH. 100.00
P.E. 556/157 CH. 125.00
P.E. 556/240 CH. 208.00
P.E. 556/270 CH. 238.00
D.S. 556/278 CH. 246.00
CH : 237.00 SH45 : 556/269
FM : 556/273 CH : 241.00
P.E. 565/345 CH. 313.00
CH. 348.017 S/SH37 556/380.017
FM 556/387 CH. 355.00
FM, S/SH39 & S/SH41 556/405 CH. 373.00
PT. 115 556/420 CH. 388.000
PT. 118 556/459.917 CH. 427.917
400
480
KM:556/242
C/L OF STN. BLDG.
C/L OF F.O.B.
CONTROL PANEL
STN BLDG
RAMP TO STATION
R PLATFORM 613x6M
PASSENGER LOOP LINE NO.1 DN
UP MAIN LINE DN
PASSENGER LOOP LINE NO.2 DN
01BT
02BT
03BT
CSR 692M
CSR 692M
CSR 715M
5M
5M
18.01M
01CT
02CT
03CT
S46'b'/SH44
S46/SH44
S46'a'/SH44
PLATFORM 538x3M
RAMP TO FOB
GOODS SIDING CSR - 224M (CSL - 220M)
H.L. GOODS PLATFORM 83x3M
GOODS SHED 28M x 5M
C/L OF GOODS SHED
FM
SH45
117
SH41
S41
115
115T
FM
S/SH39
FM
S37
SH37
117/118T
118

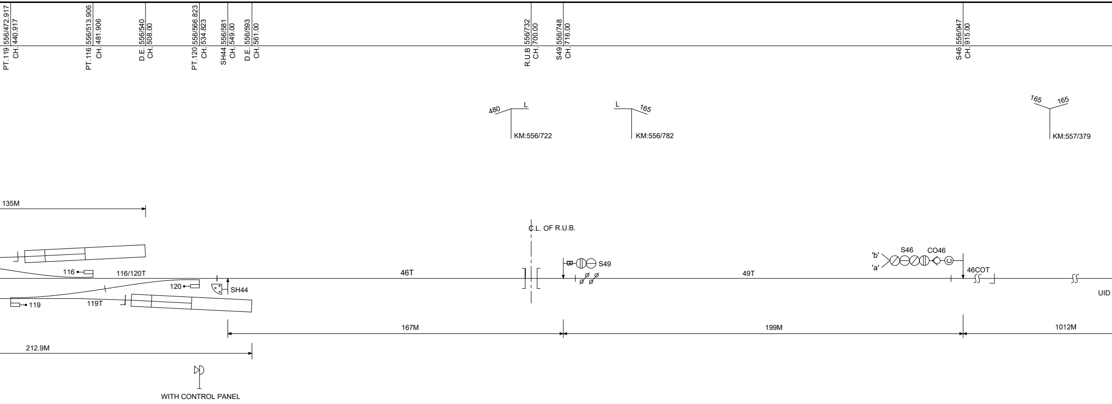
JAN

JAN

WITH POINTS

PANEL IN SM's OFFICE	
DESCRIPTION	SPARE NUMBERS
SIGNALS 1 TO 50	1,6,8,9,11,13,16 TO 36,38, 40,42,43,47,48,50.
POINTS 101 TO 120	105,106,108 TO 114.
CONTROLS 301 TO 310	303,305,306,309


BPAC RESET BOX - HONNAVAR
BLOCK PANEL - HONNAVAR
IN RELAY ROOM
HONNAVAR SIDE
UFSBI
BLOCK SECTION PHONE - WITH HONNAVAR
308
CRANK HANDLE
CH8
115/116
310
CRANK HANDLE
CH10
119/120
307
CRANK HANDLE
CH7
117/118


PT.119 556/472.917 CH. 440.917
PT.116 556/513.906 CH. 481.906
D.E. 556/540 CH. 508.00
PT.120 556/566.823 CH. 534.823
SH44 556/581 CH. 549.00
D.E. 556/593 CH. 561.00
R.U.B 556/732 CH. 700.00
S49 556/748 CH. 716.00
S46 556/947 CH. 915.00
480
L
KM:556/722
L
165
KM:556/782
165
165
KM:557/379
135M
C.L. OF R.U.B.
116
116/120T
46T
120
SH44
119
119T
S49
49T
'b'
'a'
S46
CO46
46COT
UID
167M
199M
1012M
212.9M
WITH CONTROL PANEL

SR. NO.	DESCRIPTION	REFERENCE TO APPLICATION	REFERENCE TO SANCTION
2.	**COMBINATION OF SIGNAL UNDER THE PROVISION OF G.R.3.07 (7) :** (i) COMBINING OF DN INNER DISTANT SIGNAL (DID) OF DN HOME SIGNAL NO. S5 OF KUMTA STATION WITH DN GATE STOP SIGNAL NO. G3 OF LC GATE NO. 62.	KR/CO/SG/CRS DTD. - 10/09/2019	KRCL/07/2019-20 DTD. - 20/09/2019
1.	**RECKONING THE ADEQUATE DISTANCE UNDER THE PROVISION OF G.R.3.40 :** (i) FOR THE RECEPTION OF AN UP TRAIN ON LOOP LINE NO.1 FROM THE STARTER NO. S10 TO THE SANDED DEAD END WITH POINT NO. 103/104 NORMAL. (ii) FOR THE RECEPTION OF DOWN TRAIN ON LOOP LINE NO.1 FROM THE STARTER NO. S41 TO THE SANDED DEAD END WITH POINT NO. 115/116 NORMAL. (i) FOR THE RECEPTION OF AN UP TRAIN ON LOOP LINE NO.2 FROM THE STARTER NO. S14 TO THE TTM SIDING END WITH POINT NO. 101/102 NORMAL AND D.S.107 OPEN. (ii) FOR THE RECEPTION OF DOWN TRAIN ON LOOP LINE NO.2 FROM THE STARTER NO. S37 TO THE SANDED DEAD END WITH POINT NO. 117/118 NORMAL AND POINT NO. 119/120 NORMAL.		

NATURE OF APPROVAL

6. SIGNALLING INSTALLATIONS SUIT TO 25 KV AC.

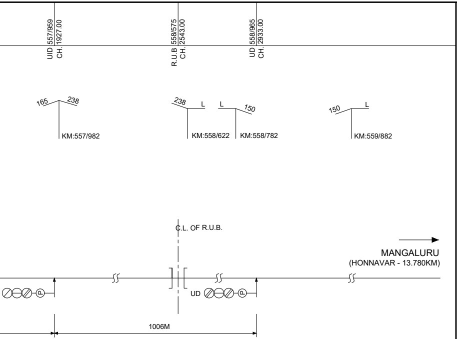
5. C.OP.S/KRCL AUTHORISATION OBTAINED ON SIG. PLAN NO.- KR/CO/CSTE/KW/25 DTD. 01/06/1996 FOR NOT LOCATING UP HOME SIGNAL (S46) AND DN HOME SIGNAL (S5) IMMEDIATELY TO THE LEFT ON THE LINE TO WHICH IT REFER.

4. SANDED DEAD END AS PER DRG. NO. - RDSO/T-347.

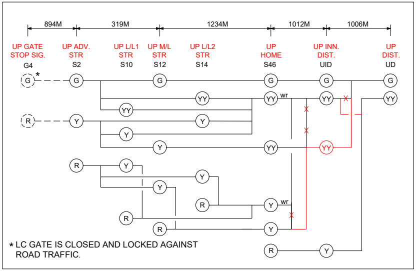
3. TELEPHONE CONNECTION PROVIDED BETWEEN SM's OFFICE AND NON-INTERLOCKED 'C' CLASS L.C. GATE NO.63 AT KM : 559/627 AND INTERLOCKED 'SPL' CLASS L.C. GATE NO.62 AT KM : 554/270.

2. A CO-OPERATIVE RESET BOXES ARE PROVIDED IN SM'S OFFICE AT KUMTA STATION FOR KUMTA - ~~GOKARNA ROAD~~ MIRJAN AND KUMTA - HONNAVAR SECTION. IN CASE OF FAILURE OF BPAC, THE SYSTEM HAS TO BE RESET DULY ENSURING THE COMPLETE ARRIVAL OF LAST DEALT TRAIN.

NOTE :- 1. BLOCK PANELS ALONG WITH UFSBI & BPAC (WITH HASSDAC) ARE PROVIDED KUMTA - ~~GOKARNA ROAD~~ MIRJAN AND KUMTA - HONNAVAR SECTION.


UID 557/959
CH. 1927.00
R.U.B 558/575
CH. 2543.00
UD 558/965
CH. 2933.00
165
238
KM:557/982
238
L
L
150
KM:558/622
KM:558/782
150
L
KM:559/882
C.L. OF R.U.B.
MANGALURU
(HONNAVAR - 13.780KM)
UD
1006M

UP - SIGNAL ASPECT CONTROL CHART


894M
319M
1234M
1012M
1006M
UP GATE STOP SIG.
G4
UP ADV. STR
S2
UP L/L1 STR
S10
UP M/L STR
S12
UP L/L2 STR
S14
UP HOME
S46
UP INN. DIST.
UID
UP DIST.
UD
G
R
Y
YY
wr

* LC GATE IS CLOSED AND LOCKED AGAINST ROAD TRAFFIC.

wr - WITH ROUTE INDICATOR

सादरसेवा

कोंकण रेलवे कॉर्पोरेशन लिमिटेड - सीओ, बेलापुर
KONKAN RAILWAY CORPORATION LIMITED - CO, BELAPUR

अन्तर्पाशन मानक STANDARD OF INTERLOCKING	III(R)	कारवार क्षेत्र KARWAR REGION	कुमटा सिगनलिंग नक्शा KUMTA SIGNALLING PLAN
स्टेशन वर्ग CLASS OF STATION	B		
स्केल SCALE	TRANSVERSE - 1 : 500	आरेख संख्या : के आर/सी ओ/एस जी/डब्ल्यू4/25/एस पी DRG. NO. - KR / CO / SG / W4 / 25 / SP	
	LONGITUDINAL - 1 : 1000	अनुकूल अभियांत्रिकी नक्शा संख्या : के आर/के डब्ल्यू/टी आर/41-92/आर9 TO SUIT ENGG. PLAN NO. - KR / KW / TR / 41 - 92 / R9	
रेल संरक्षा आयुक्त मंजूरी संख्या CRS SANCTION NO.	R.12017/1/97/KRC DTD.- 15/05/1997	सुपरशेडेड आरेख संख्या : के आर/सी ओ/एस जी/डब्ल्यू3/25/एस पी/बी SUPERSEDED DRG. NO. - KR / CO / SG / W3 / 25 / SP / B	

IN CONNECTION WITH,
NEW CROSSING STATION - MIRJAN
IN BETWEEN KUMTA AND
GOKARNA ROAD STATIONS.

13/11/2020	13/11/20	16/11/2020	तोरसकर Digitally signed by M M TORASKAR Date: 2020.11.17 18:00:48 +05'30'	D MAGESH Digitally signed by D MAGESH Date: 2020.11.18 17:43:12 +05'30'	आशीष आपटे Digitally signed by ASHISH APTE Date: 2020.11.19 16:27:54 +05'30'	V. C. SINHA Digitally signed by V. C. SINHA DN: c=IN, o=KONKAN RAILWAY CORPORATION LIMITED, ou=com, cn=V. C. SINHA, postalCode=400614, 2.5.4.20=[illegible], st=Maharashtra Date: 2020.11.26 11:27:08 +05'30'
एन.पी.बैकर N.P.BAIKAR जे.टी.ए (आरेख) JTA (DWG)	पी.एम.वीरकर P.M.VIRKAR जे.टी.ए (आरेख) JTA (DWG)	टी.आर.सावंत T.R.SAWANT व.सेक्शन इंजी. (सि.एवं दू.) SSE (S&T)	एम.एम.तोरसकर M.M.TORASKAR व. सि. एवं दू. सं. इंजी. (डी. एवं डी.) SSTE (D&D)	डी. मगेश D. MAGESH उप मु. सि. एवं दू. सं. इंजी. (समन्वय) DY. CSTE (CO-ORD)	आशीष आपटे ASHISH APTE मुख्य सि. एवं दू. सं. इंजी. CSTE	व्ही. सी. सिन्हा V. C. SINHA मुख्य परिचालन प्रबंधक C.O.M.

विवरण DESCRIPTION	तैयारकर्त्ता PREPARED BY	जांचकर्त्ता CHECKED BY	अनुमोदनकर्त्ता APPROVED BY

संदर्भ REFERENCE	PREVIOUS ENGG. PLAN NO. - KR / KW / TR / 41 - 92 / R1, R2, R3, R4, R5, R6, R7, R8
	PREVIOUS SIG. PLAN. NO. - KR / CO / CSTE / KW / 25 / A, B, C, D; KR / CO / SG / W / 25 / SP; KR / CO / SG / 25 / SP KR / CO / SG / W2 / 25 / SP / A; KR / CO / SG / W3 / 25 / SP / A